

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A recycling facilitating system which facilitates disassembly of an item to be recycled, comprising:
 - an item identification data input unit, through which item identification data for identifying the item to be recycled is input;
 - an item disassembly data memory, which stores item disassembly data for constructing a plurality of different disassembly diagrams showing steps of disassembling the item to be recycled in correspondence with the item identification data;
 - an item disassembly data retrieval unit, which retrieves the item disassembly data from the item disassembly data memory based on the item identification data that was input by the item identification data input unit;
 - a disassembly diagram constructing unit, which constructs the disassembly diagram based on the item disassembly data that was retrieved by the item disassembly data retrieval unit; and
 - a disassembly diagram output unit, which outputs the disassembly diagram that was constructed by the disassembly diagram constructing unit,wherein the disassembly diagram constructing unit determines the progress status of an operation step of disassembling the item to be recycled by identifying a component that was removed during the operation step, and, in accordance with the progress status which was identified, constructs one of a plurality of disassembly diagrams, which can be constructed from the item disassembly data that was retrieved by the item disassembly data retrieval unit.

2. (Original) The recycling facilitating system according to Claim 1, wherein the removed component being identified by comparing an image of the removed component with an image created from CAD data of candidate components.

3. (Original) The recycling facilitating system according to Claim 1, wherein the removed component is identified by detecting a reduction in weight of the item to be recycled, and comparing a weight corresponding to the reduction with weights of candidate components.

4. (Original) The recycling facilitating system according to Claim 1, wherein the removed component is identified by reading component identification written in an RFID tag appended to the removed component.

5. (Currently Amended) A recycling facilitating method which facilitates disassembly of an item to be recycled, comprising the steps of:

inputting item identification data for identifying the item to be recycled;

storing item disassembly data for constructing a plurality of different disassembly diagrams showing steps of disassembling the item to be recycled in correspondence with the item identification data;

retrieving the item disassembly data in a data stored in the step of storing item disassembly data, based on the item identification data that was input in the step of inputting item identification data;

constructing the disassembly diagram based on the item disassembly data retrieved in the step of retrieving the item disassembly data; and

outputting the constructed disassembly diagram constructed in the step of constructing the disassembly diagram,

wherein the step of constructing the disassembly diagram comprising determining the progress status of an operation step of disassembling the item to be recycled,

by identifying a component that was removed during the operation step, and, in accordance with the progress status which was identified, constructing one of a plurality of disassembly diagrams, which can be constructed from the item disassembly data that was retrieved in the step of retrieving the item disassembly data.

6. (Currently Amended) A recycling facilitating program which facilitates disassembly of an item to be recycled, comprising the processes of:

inputting item identification data for identifying the item to be recycled;

storing item disassembly data for constructing a plurality of different disassembly diagrams showing steps of disassembling the item to be recycled in correspondence with the item identification data;

retrieving the item disassembly data in a data stored in the process of storing item disassembly data, based on the item identification data that was input in the process of inputting item identification data;

constructing the disassembly diagram based on the item disassembly data retrieved in the process of retrieving the item disassembly data; and

outputting the constructed disassembly diagram constructed in the process of constructing the disassembly diagram,

wherein the process of constructing the disassembly diagram comprising determining the progress status of an operation step of disassembling the item to be recycled, by identifying a component that was removed during the operation step, and, in accordance with the progress status which was identified, constructing one of a plurality of disassembly diagrams, which can be constructed from the retrieved item disassembly data that was retrieved in the process of retrieving the item disassembly data.

7-17. (Canceled)